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				U.S. PATEN	DOCUMENTS				
*Examiner Initials	Cite No.		UMENT NUMBER - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patente Applicant of Cited Do		Where Reli	Columns, Line evant Passaç Figures App	ges or
	1	US- 5,648,215		07-15-1997	West, et al.	West, et al.			
	-	US- 5,	840,495	11-24-1998	West, et al				
-		US- 5,	945,577	08-31-1999	Stice, et al.				
		US- 5,	994,619	11-30-1999	Stice, et al.				
		US- 6,	011,197	01-04-2000	Streichenko, et al.				
		US- 6,	194,202	02-27-2001	Susko-Parrish, et al.				
	Г	US- 6,	,235,969	05-22-2001	Stice, et al.				
		US- 6,	,235,970	05-22-2001	Stice, et al.				
		US- 6,	,258,998	07-10-2001	Damiani, et al.				
			FC	DREIGN PATI	ENT DOCUMENTS				
		FOREIGN	PATENT DOCUMENT		Where F		TRANSLATION		
*Examiner Initial	Cke No.	Code:	(if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Passages or Relevant Figures Appear		YES	NO
		wo	98/07841	02-26-1998	University Massachusetts				
	Т	wo	99/55841	11-04-1999	University of Edinburgh				
		wo	01/00650	01-04-2001	Advanced Cell Technology, Inc.				
	_	wo	01/18193	03-15-2001	Advanced Cell Technology, Inc.				
	T	wo	98/39416	03-05-1998	Streichenko, et al.				
	 	JP	2001-522404	03-15-2001	Advanced Cell Technology, Inc.				×

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		ABE, API	/IIS, 19	97, 105:283							
	_	1000 40/4F)-1001 1206									
	ALBANELL, J Natl. Cancer Inst., 1999, 19(15):1321-1326										
ALLSHIRE, Nucleic Acids Research, 1989, 17:4611-4627											
	ALLSOPP, Experimental Cell Research, 1995, 219:130-136										
		ALLSOP	P, Proc	Natl Acad S	ci USA, 199	2, 89:10	0114-10118				
		ANDERS	ON, A	nimal Reprod	I. Sci., 1996,	45:231	1-240				
		BAGUIS	. Natur	e Biotechnol	ogy, 1999, 1	7:456-4	461				
		BASSHA	M, Mol	ecular and C	ellular Biolo	gy, 199	8, 18:269-275				
	BETTS, Developmental Genetics, 1999, 25:397-403										
	BETTS, Proc Natl Acad Sci Usa, 2001, 98:1077-1082										
EXAM	INEF	SIGNATU	RE	/Valarie Be	rtoglio/		DATE CONSIDERED	08/27/2	2011		
*EXAN	MINE	R: Initial if	referer	nce considere	ed, whether dered. Includ	or not o	citation is in conforman	ce with MPE	P 609. D to applican	raw line th t.	rough

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Substitute for form 1449A/PTO			Application Number	10/790,640	

			U.S. PATENT D	OCUMENTS			
*Examiner Initials	Che No.						ges or
		BETTS, Mol. Reprod. Dev., 2	005, 72(4):461-470				
		BIRMINGHAM, J Clin Invest,	2003, 112(11): 160	01601			
		BODNAR, Science, 1998, 27	9:349-352				
		BONDIOLI, Molecular Reprod	duction and Develop	ment, 1993, 36:274-275			
		BOQUEST, Biol Reprod, 200	2, 66(5):1283-7				
		BYRNE, Nature, 2007, 450(7	169):497-502				
		CAMPBELL, Nature, 1996, 3	80:64-66				
		CHOMCZYNSKI, Analytical E	Biochemistry, 1987,	162:156-159			
		CIBELLI, Nature Biotech., 19	98, 16:642-646				
		CRISTOFALO, Annals of the	New York Academy	of Sciences, 1992, 663:187-194			
		CRISTOFALO, Experimental	Cell Research, 197	3, 76:419-427	_		
		CRISTOFALO, Experimental	Gerontology, 1996,	31(1-2):111-123			

EXAMINER SIGNATURE	/Valarie Bertoglio/	DATE CONSIDERED	08/27/2011	
	ce considered, whether or not ond not considered. Include copy			rough

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					k Office; U.S. DEPARTMENT OF COMMERCE	
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			U.S. PATENT	OCUMENTS			
"Examiner Initiale	Ote No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Rele	s, Columns, Lines, televant Passages or ant Figures Appear	
		CRISTOFALO, Physiological	Reviews, 1993, 73:	617-638			
		CUDRE-MAUROUX, Hum Ge	ene Ther., 2003, 14	(16):1525-33			
		de LANGE, Science, 1999, 28	33:947-949				
		DIMRI, Proc. Natl. Acad Sci	USA, 1995, 92:936	3-9367			
		FOLGER, Mol Cell Biol. 1982	2, 2(11):1372-87				
		FRENCH, Stem Cells, 2008,	26(2):485-93				
	T	GORMAN, Experimental Cell	Research, 1986, 1	67:87-94			
	T	HARLEY, Nature, 1990, 345:	458-460				
	_	HAYFLICK, Experimental Ce	II Research, 1961,	24:585-621			
	+	HAYFLICK, Experimental Ce	Il Research, 1965,	37:614-636			
	T	HILL, Theriogenology, 1999,	51:1451-1465				
	T	HOWELL-SKALLA, Society f	or the Study of Rep	production, 1997			

EXAMINER SIGNATURE	/Valarie Bertoglio/	DATE CONSIDERED	08/27/2011	
*EXAMINER: Initial if referen	nce considered, whether or not on not considered. Include copy	citation is in conformance of this form with next com	with MPEP 609. munication to applic	Draw line through cant.

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			U.S. PATENT	DOCUMENTS				
*Examiner In lials	Citie No.	DOCUMENT NUMBER Number - Kind Cade (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Re	Columns, Lii levant Passa t Figures Ap	ges or	
		ITOH, Theriogenology, 1998,	49 (1):322					
		JEON, Mol Reprod Dev, 2005	5, 71:315-320					
		JIANG, Biology Of Reproduct	ion, 2004, 70:589–	1593	,			
		KATO, Science, 1998, 282(53	396):2095-2098					
	KIYONO, Nature, 1998, 396:84-88							
	KISHIGAMI, Exp. Cell Res., 2008, 314(9):1945-1950							
		KUBOTA, PNAS, 2000, 97:99	0-995					
		LANZA, Nature Biotechnology	y, 1999, 17:1171-11	74				
		LANZA, Nature Medicine, 199	99, 5:975-977	1794				
		LANZA, Science, 2003, 301,	1482b					
		LEVY, J Mol. Biol., 1992, 225	:951-960					
		LIPETZ, J Ultrastructure Rese	earch, 1972, 39(1):4	3-56				
		LIU, Nature Biotech., 2000, 18	3(2):223-5					

EXAMINER SIGNATURE	/Valarie Bertoglio/	DATE CONSIDERED	08/27/2011	
*EXAMINER: Initial if reference citation if not in conformance and				

				U.S. Patent and Trademar	K Office; U.S. DEPARTMENT OF COMMERCE
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				Examiner Name	Valarie E. Bertoglio
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	U.S. PATENT DOCUMENTS										
*Examinor Inna's	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Delever Among								
		MARTIN, Proc Natl Acad Sci USA, 1981, 78:7634-7638									
	MATSUNAGA, Invest Ophthalmol Vis Sci., 1999, 40(1):197-202										
		MEIRELLES, Genetics, 2001	,158(1):351-356								
		MENG, Biology of Reproduct	ion, 1997, 57:454-4	59							
		MITALIPOV, Methods in Mol.	Bio., 2006, 348:15	1-168							
	MITALIPOV, Hum Reprod., 2007, 22(8):2232-42										
		MITALIPOV, Biol. Reprod., 1	999, 60(4):821-7								
		MITALIPOV, Biol. Reprod., 2	2001,65(1):253-9								
	1	MIYASHITA, Biol Reprod., 20	002, 66(6) :1649-16	55							
		MONDELLO, Experimental C	Cell Research, 1997	, 236: 385-396							
		OFFICE ACTION mailed Aug	gust 20, 2010 in Jap	panese patent application no. 200	1-521771		⊠				
		PATIL, Mechanisms of Ageir	ng and Dev, 2005, 1	26:1040-1045	-						
		PICKNELL, National Geogra	phic New, 2003								

EXAMINER SIGNATURE	/Valarie Bertoglio/	DATE CONSIDERED	08/27/2011	
*EXAMINER: Initial if reference citation if not in conformance ar	ce considered, whether or not on the considered. Include copy	citation is in conformance of this form with next comr	with MPEP 609. nunication to appli	Draw line through cant.

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-		PHINNEY	', Onco	gene, 1994,	9:2353-2362	2					
		PIGNOLO	PIGNOLO, Experimental Geronotogly, 1998, 33:67-80								
		PIGNOLO), The	Journal of Bio	ological Che	mistry,	1993, 268:8949-8957				
		RENARD	, Lance	et, 1999, 353	:1489:1491	-					
	Г	RUFER, I	Nature	Biotechnolog	y, 1998, 16	(8):743	-747				
		RUFER,	RUFER, J. Exp. Med., 1999, 190:157-167								
		SAWAI, H	SAWAI, Hokkaido Animal Science and Agriculture Society Report, 1999, Vol. 41, pg. 23-49								⊠
		SCHAET	ZLEIN,	Proc Natl Ad	ad Sci USA	, 2004,	101:8034-8038				
		SCHATT	EN, Sci	ience, 2003,	Vol. 301, pg	1482c					
-		SHI, Biol.	Repro	d., 2003, 69(1):301-309						
		SHIELS,	Nature	, 1999, 399(6734):316-3	317					
		SIMERLY	Y, Dev I	Biology, 200	4, 276(2):23	7-252					
		SIMERLY	SIMERLY, Science, 2003, 300(5617):297								
		SIMS, Proc Natl Acad Sci USA, 1994, 91(13):6143-7									
EXAM	INEF	SIGNATUR	RE.	/Valarie Bei	rtoglio/		DATE CONSIDERED	08/27/2	011		
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Sheet	8	of	9	Attorney Docket Number	75820.026014

	U.S. PATENT DOCUMENTS									
*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Rel	Columns, Lir evant Passa t Figures Ap	ges or			
	SMITH, Science, 1980, 207(4426):82-84									
	SUHR, PloS One, 2009:4(12), e8124									
		TAKEDA, Society for the stud	ly of reproduction, \	ol. 56, Supp. 1, chap. 89, abstract	1					
		THOMSON, APMIS,. 1998, 1	06:149-157							
	THOMSON, Proc Natl Acad Sci USA, 1995, 92:7844-7848									
	THOMSON, Science, 1998, 282:1145-1147									
	TIAN, Nature Genetics, 2000, 26:272-273									
		van der VEN, <i>Primary Meser</i>	nchymal Cells, Kluw	er Academic Publishers, 2001, 73						
		VAZIRI, Current Biology, 199	8, 8(5):279-282							
 -		VAZIRI, EMBO Journal, 1997	7, 16(19):6018-6033	1						
	Г	VOGEL, Science, 2003, 300	(5617):225-227	****						
		WAKAYAMA, Nature, 1998,	394:369-374							
		WAKAYAMA, Nature, 2000,	407(6802):318-319							

EXAMINER SIGNATURE /Valarie Bertoglio/	DATE CONSIDERED	08/27/2011	
*EXAMINER: Initial if reference considered, whether or not			

Substitute	for form 14	49A/PTO	-	Application Number	10/790,640
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			U.S. PATENT I	DOCUMENTS			
*Examiner Initials	Cito No	DOCUMENT NUMBER Number - Kind Code (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Re	Columns, Lines, levant Passages or t Figures Appear	
		WEST, Arch Dermatol., 1994	, 130(1):87-95				
		WEST, Experimental Cell Res	search, 1989, 184:1	38-147			
		WEST, Experimental Geronto	logy, 1996, 31:174-	193			
		WILLIAMS, Endothelial Cell C	Culture, Cambridge	University Press, 1996, 97-99			
		WILMUT, Nature, 1997, 385:	810-813				
	WILMUT, Nature, 2007, 450(7169):485-486						
		WOLF, J Biotechnol, 1998, 65	6(2-3):99-110				
		WRIGHT, Dev Genet, 1996, 1	8:173-179				
		XIAO, J Virol., 1999, 73(5):39	94-4003				
		YANG, Cloning, 2000, 2(3):12	3-128				
		YANG, Nature Gen., 2007, 39	(3);295-302				
		ZAKHARTCHENKO, J. Repro	d. Fert., 1999, 115:	325-331			
		ZAWADA, Nature Publishing,	1998, 4:569-574				

EXAMINER SIGNATURE	/Valarie Bertoglio/	DATE CONSIDERED	08/27/2011	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				